FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.

20.

21.

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 \boxtimes

Express Mail Label No.

INTERNATIONAL FILING DATE

14321.82

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/571887

PRIORITY DATE CLAIMED

PCT/JP2005/010719 June 10, 2005 June 11, 2004 TITLE OF INVENTION METHOD AND APPARATUS FOR PREPARING CRYSTAL APPLICANT(S) FOR DO/EO/US Masahiro Sasaura Kazuo Fujiura Tadayuki Imai Hiroki Kohda Takashi Kobayashi Takashi Kurihara Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 1. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. 🛛 has been communicated by the International Bureau. c. 🗆 is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. b. □ has been previously submitted under 35 U.S.C. 154(d)(4). \boxtimes Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. 🗌 are attached hereto (required only if not communicated by the International Bureau). b. 🗌 have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. \boxtimes have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. \boxtimes An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. \boxtimes A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. \times 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

EV 774 501 065 US



PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATI	J.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ICATION NO.	ATTORNEY'S DOCKET NUMBER			
	10/571	887	PCT/JP20	05/0	10719	<u> </u>	14321.8	32
23. Other its	ems or information:	• • •	•					
postcard	ŀ							
The following	ng fees have been s	submitted	·			CAL	.CULATIONS	PTO USE
	_				\$300	\$	\$300.00	
	nation fee (37 CFR							
of the written oping prepared by IPE	nion prepared by IS A/US indicates all d	A/US or t claims sat	the international preliminal tisfy provisions of PCT Art	y exa icle	amination report \$0	\$	\$200.00	
All other situations. \$200								
26. ⊠ Search fee (37 CFR 1.492(b)) If the written opinionof the ISA/US or the International preliminary examination report							i	
			provisions of PCT Article aid on the international ap			\$	\$400.00	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority						Ť	\$400.00	
International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB								
All other situations. \$500 TOTAL OF 24, 25 and 26 =						<u> </u>	\$900.00	
					Ψ	\$700.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets			RATE				
44 - 100 =	0 /50 =		0		× \$250.00	\$	\$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$		
CLAIMS	NUMBER F	ILED	NUMBER EXTRA		RATE			
Total claims	15	- 20 =	0	x	\$50.00	\$	\$0.00	
Independent cla	ims 2	- 3=	0	x	\$200.00	\$	\$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable)						\$	\$0.00	
TOTAL OF ABOVE CALCULATIONS =					\$	\$900.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$	\$0.00		
SUBTOTAL =					\$	\$900.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$	\$0.00		
TOTAL NATIONAL FEE =					\$	\$900.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +					\$	\$40.00		
TOTAL FEES ENCLOSED =					\$	\$940.00		

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Amount to be

Amount to be

10/571887

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b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3178 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Dana L. Tangren NAME 37,246 REGISTRATION NUMBER		A check in the amount of \$	to cover the above fees is enclosed.	1PTO 13 MAR 2006				
to Deposit Account No. 23-3178 A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Dana L. Tangren WORKMAN NYDEGGER Dana L. Tangren NAME 37,246 REGISTRATION NUMBER		Please charge my Deposit Account No.	_					
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022913 PATENT TRADEMARK OFFICE 37,246 REGISTRATION NUMBER		•						
CUSTOMER NO. March 13, 2006 DATE		-	37,246 REGISTRATION NUM Mark 13					



CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Masahiro Sasaura et al. Docket No. 14321.82								
Serial No.	Filing Date	Confirmation No.	Customer No. 022913	Examiner	Group Art Unit			
Invention: METHOD AND APPARATUS FOR PREPARING CRYSTAL								

I hereby certify that the following are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop: PCT, Commissioner for Patents, PO Box 1450, Arlington, Virginia 22313-1450.

DATED this 13th day of March 2006.

- Transmittal Letter concerning filing under 35 USC § 371 (3 pages) (in duplicate)
- First page of International Application No. PCT/JP2005/010719
- English translation of International application with verification and cover page (34 pages)
- Ten (10) sheets of formal drawings
- Assignment with cover sheet form PTO-1595 (5 pages)
- Combined Declaration and Power of Attorney (5 pages)
- Copy of International Search Report
- Preliminary Amendment (7 pages)
- Form PTO-2038 submitting Credit Card Payment in the amount of \$940
- Postcard

DANA L. TANGREN

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Majing Correspondence)

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